

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4327 - L2 Version 001
Chandra X-Ray Center

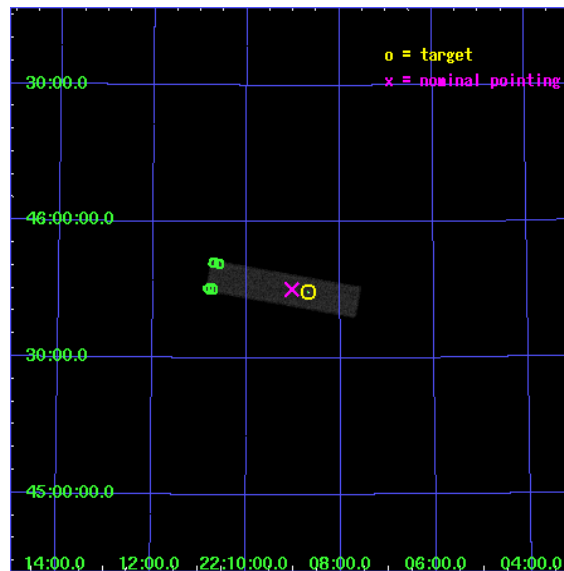
L2 Processing Date : Jul 7 2006

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1 Front

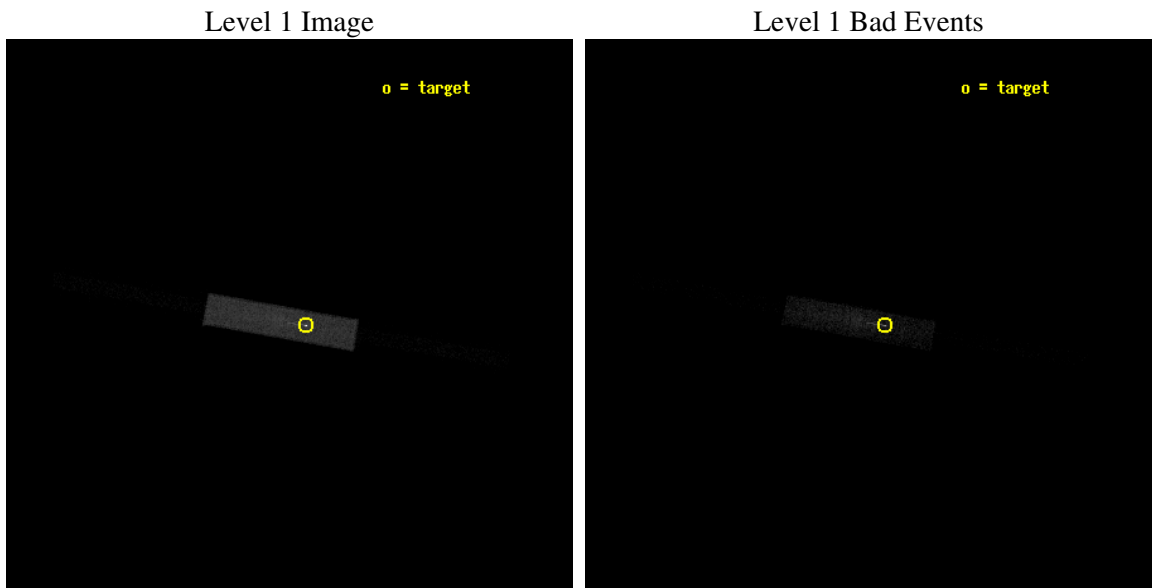
seq_num	290287
obs_id	4327
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.25786191327
dec_nom	45.753463447835
roll_nom	189.92154345906
revision	2
ontime	1142.1062989235
livetime	1136.3381016961
l2events	38580



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-07T23:02:51
revision	2

sched_exp_time	1000.000000
ontime	1181.8250506222
l1events	67741

2.1.3 Events

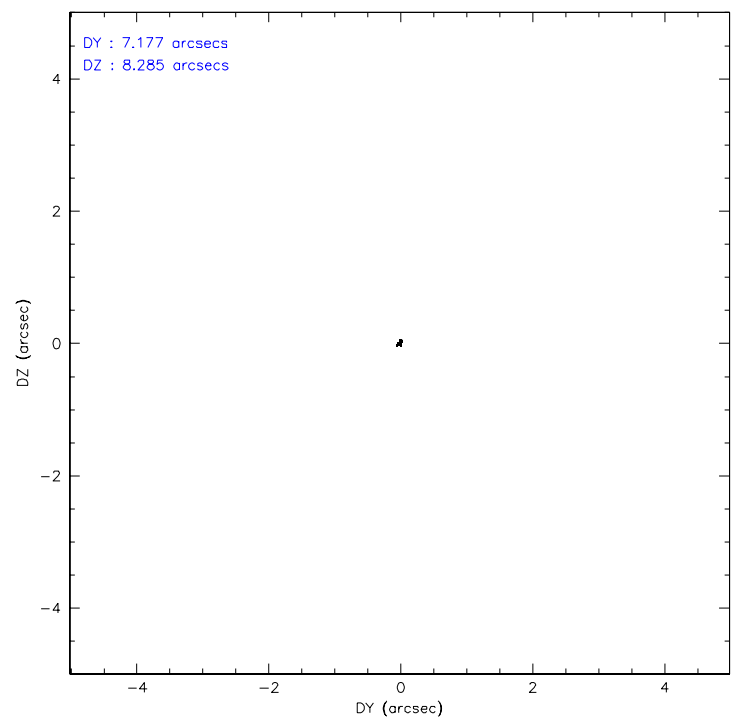
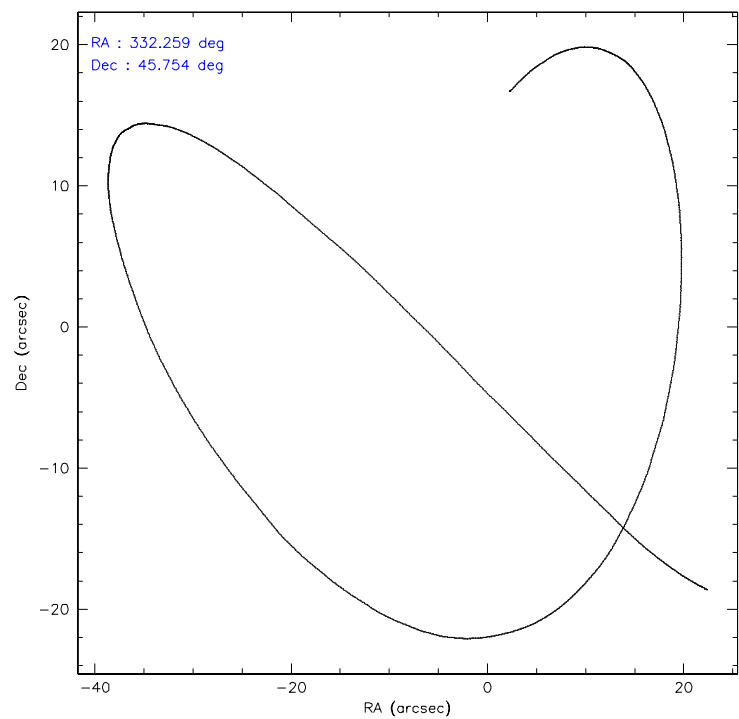
Level 1 Events

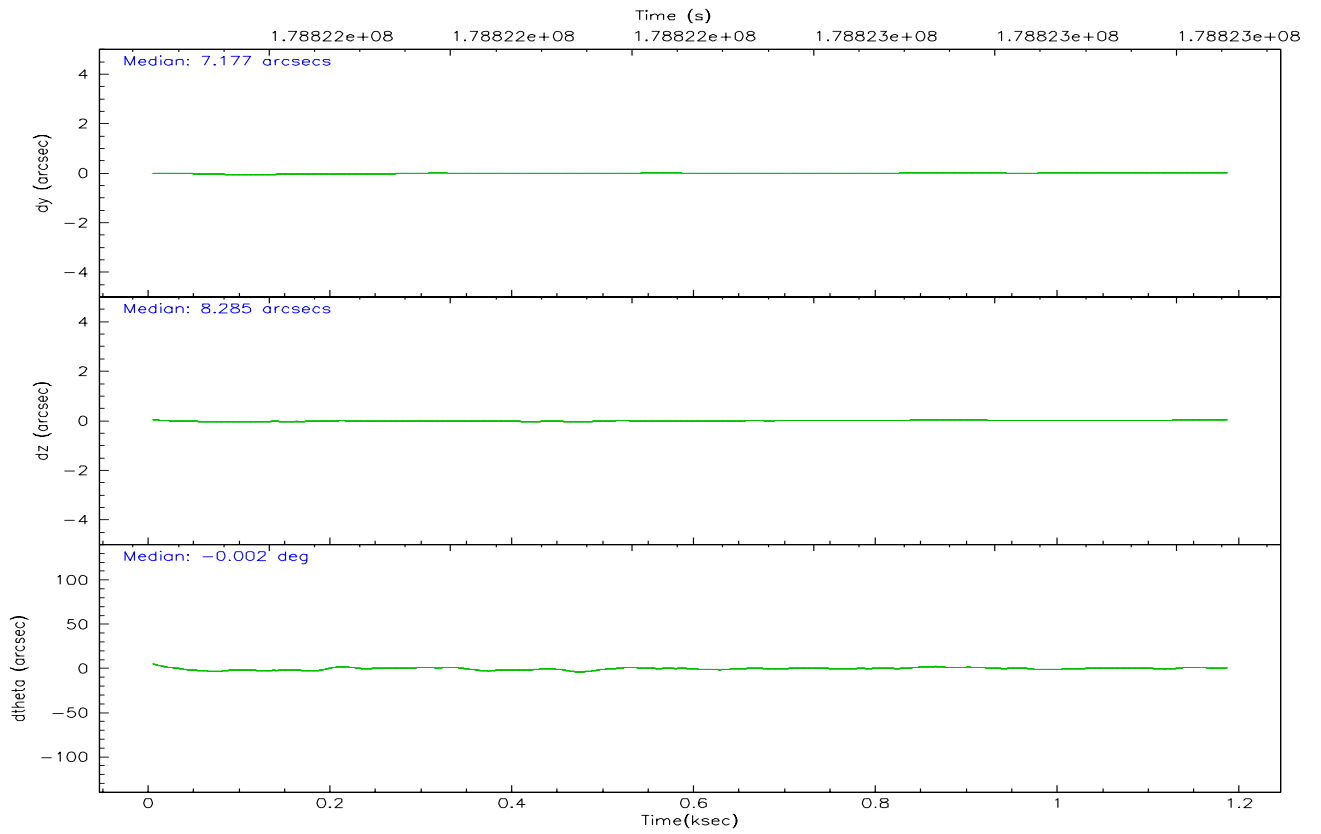
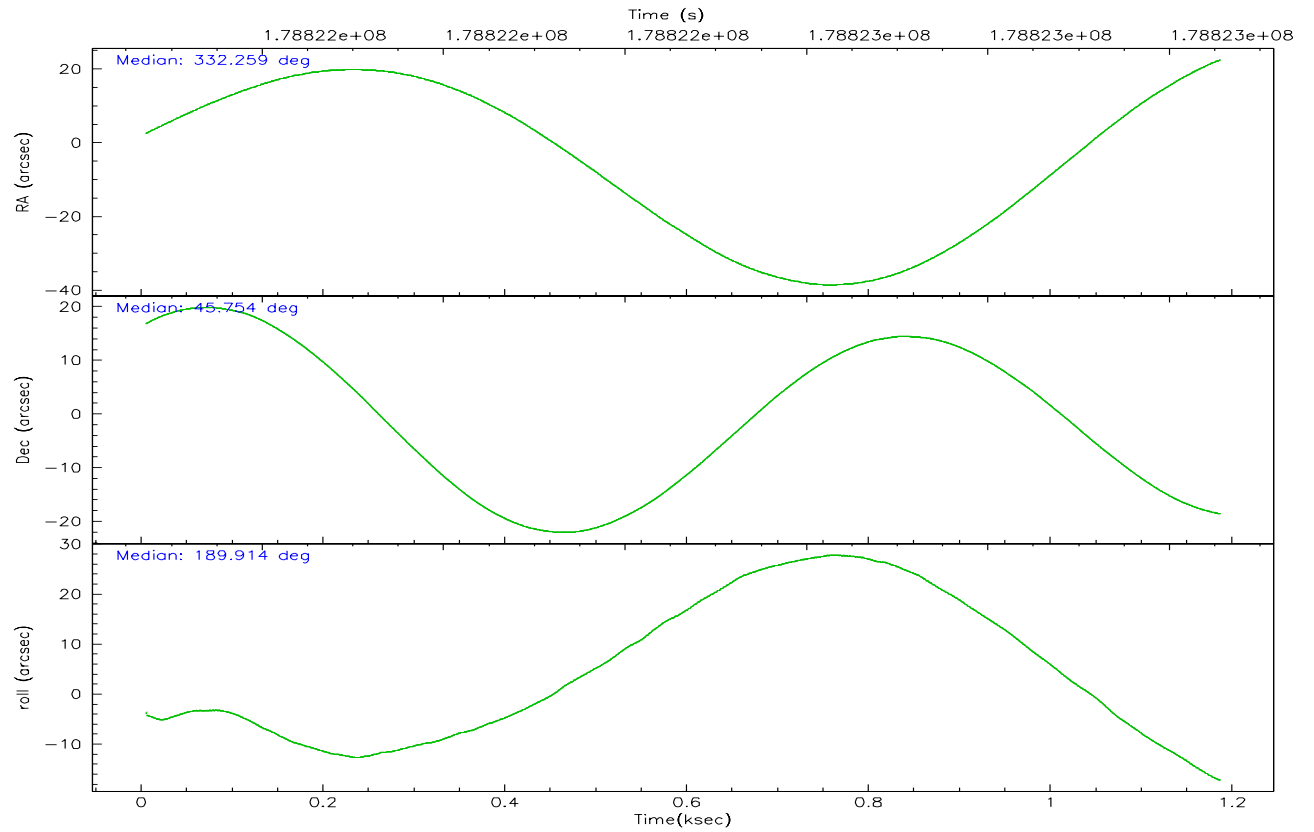
	segment 1	segment 2	segment 3
level 1 events	1086	65640	1015
rejected events	1086	24315	1015
rejected %	100%	37%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.287579	332.2578619132693			
Pointing Dec	45.772493	45.75346344783499			
Pointing Roll	189.832919	189.921543459062			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	178822058.184000	178821682.48306			
Observation start date	2003-09-01T16:46:34	2003-09-01T16:41:22			
Observation end time	178823058.184000	178823192.82063			
Observation end date	2003-09-01T17:03:14	2003-09-01T17:06:32			

2.3 Aspect



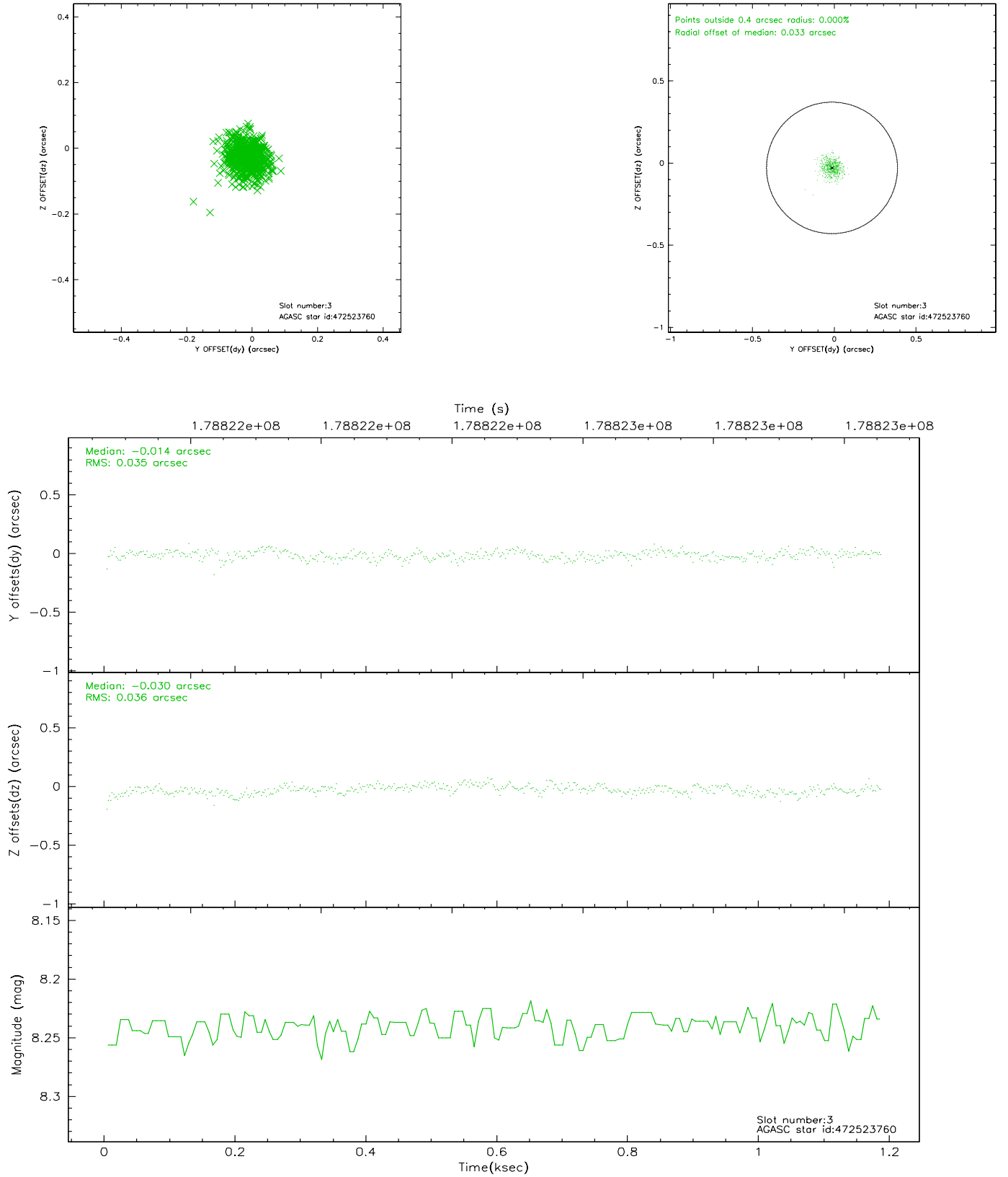


Slot Statistics

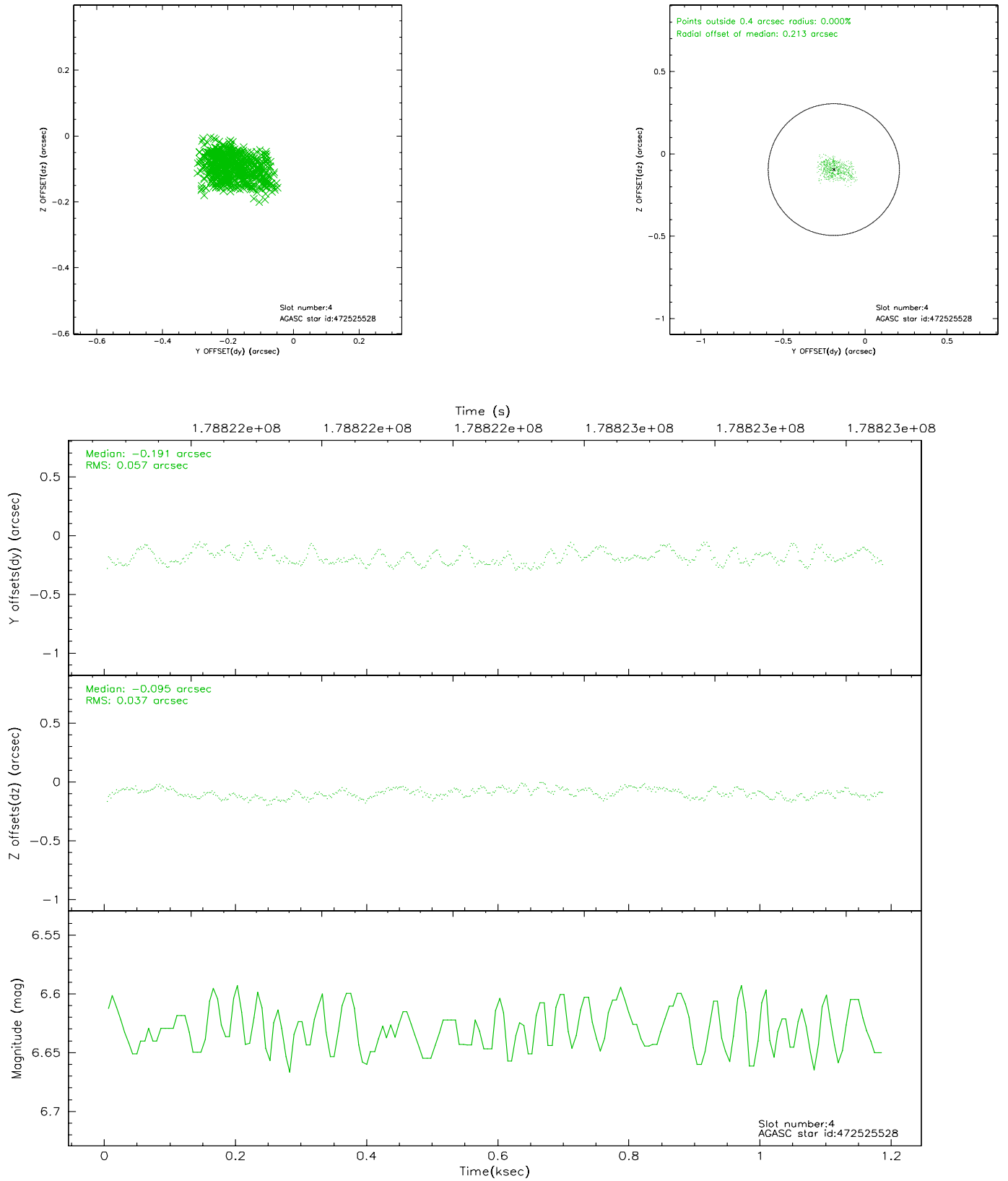
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	289	0.115	-0.130	0.007	0.010	0.000000	0.000000	-1161.36	-456.86
1	FID	HRC-S-3	7.03	289	0.064	-0.073	0.009	0.015	0.000000	0.000000	-1168.12	571.15
2	FID	HRC-S-4	7.00	289	0.208	-0.094	0.005	0.009	0.000000	0.000000	1232.98	577.18
3	GUIDE	472523760	8.24	578	-0.014	-0.030	0.053	0.088	331.645363	45.403260	1826.65	1027.62
4	GUIDE	472525528	6.63	578	-0.191	-0.095	0.072	0.117	331.551102	45.248694	2164.01	1534.05
5	GUIDE	472533912	9.15	578	-0.013	-0.006	0.105	0.166	331.791136	46.368695	853.34	-2325.14
6	GUIDE	472655152	9.45	578	0.149	0.067	0.090	0.153	332.504239	45.862991	-587.90	-231.65
7	GUIDE	472659832	9.46	575	0.057	0.054	0.095	0.168	332.780399	46.098139	-1412.44	-947.94

2.4 Star Slots

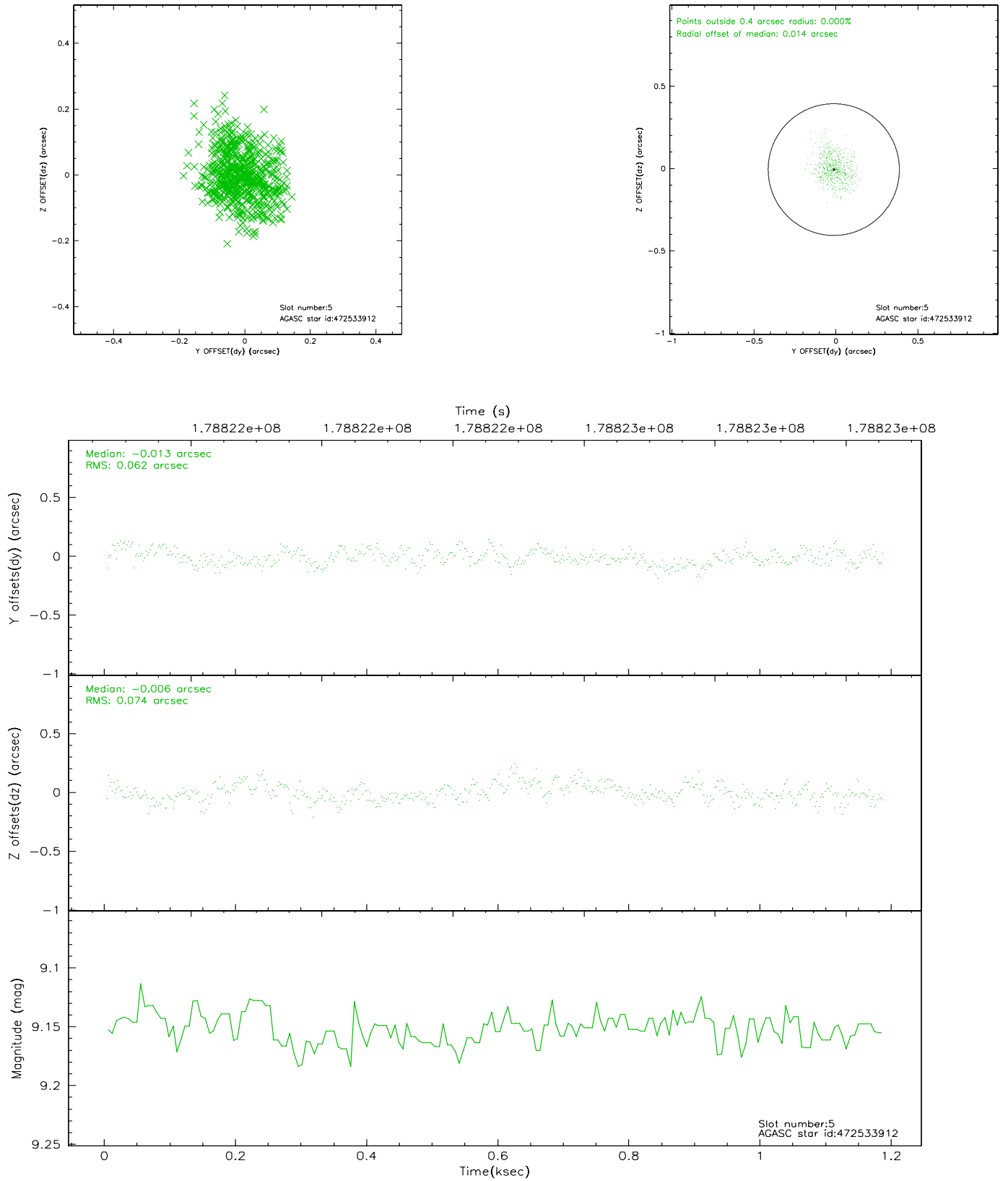
2.4.1 Slot 3



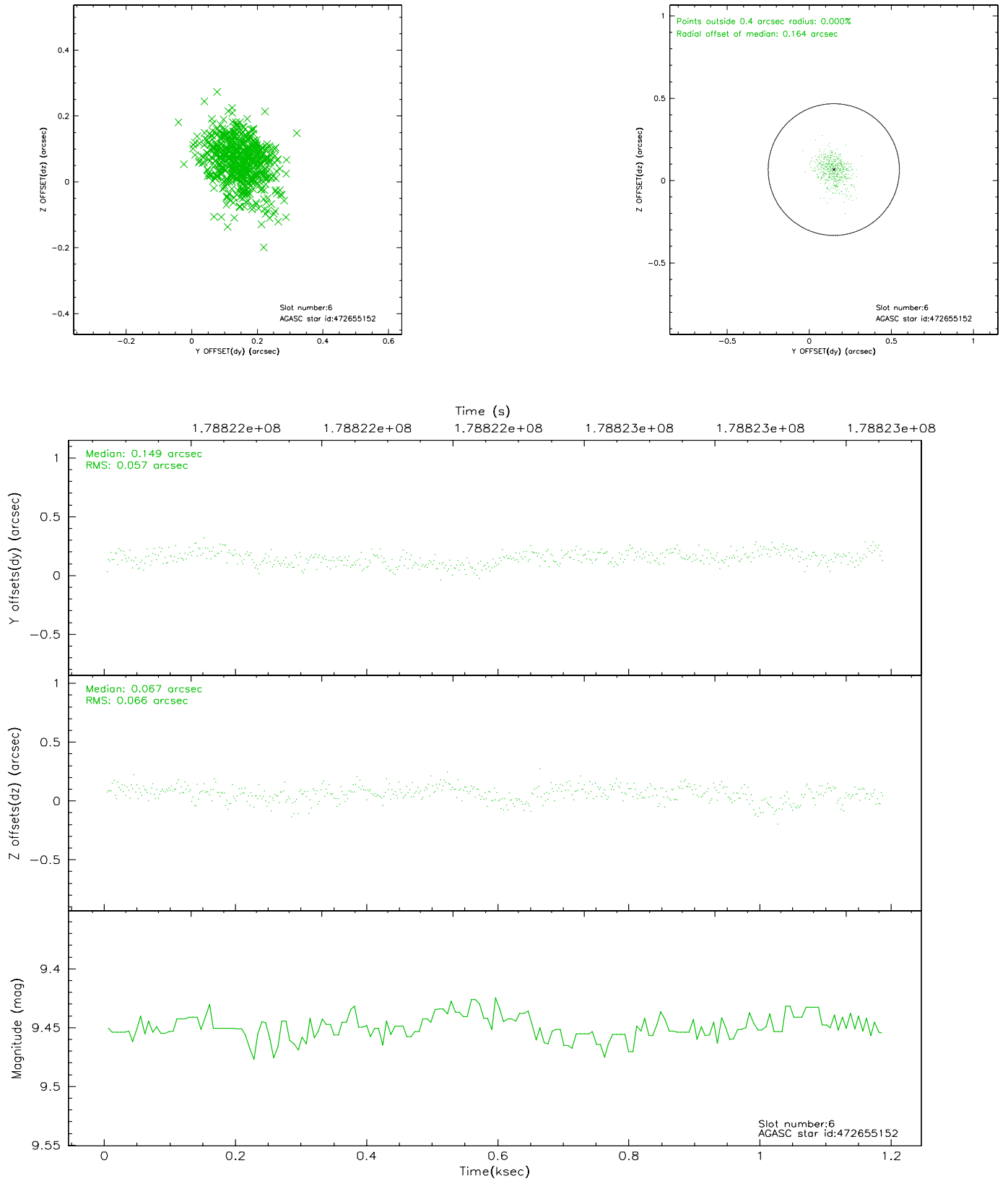
2.4.2 Slot 4



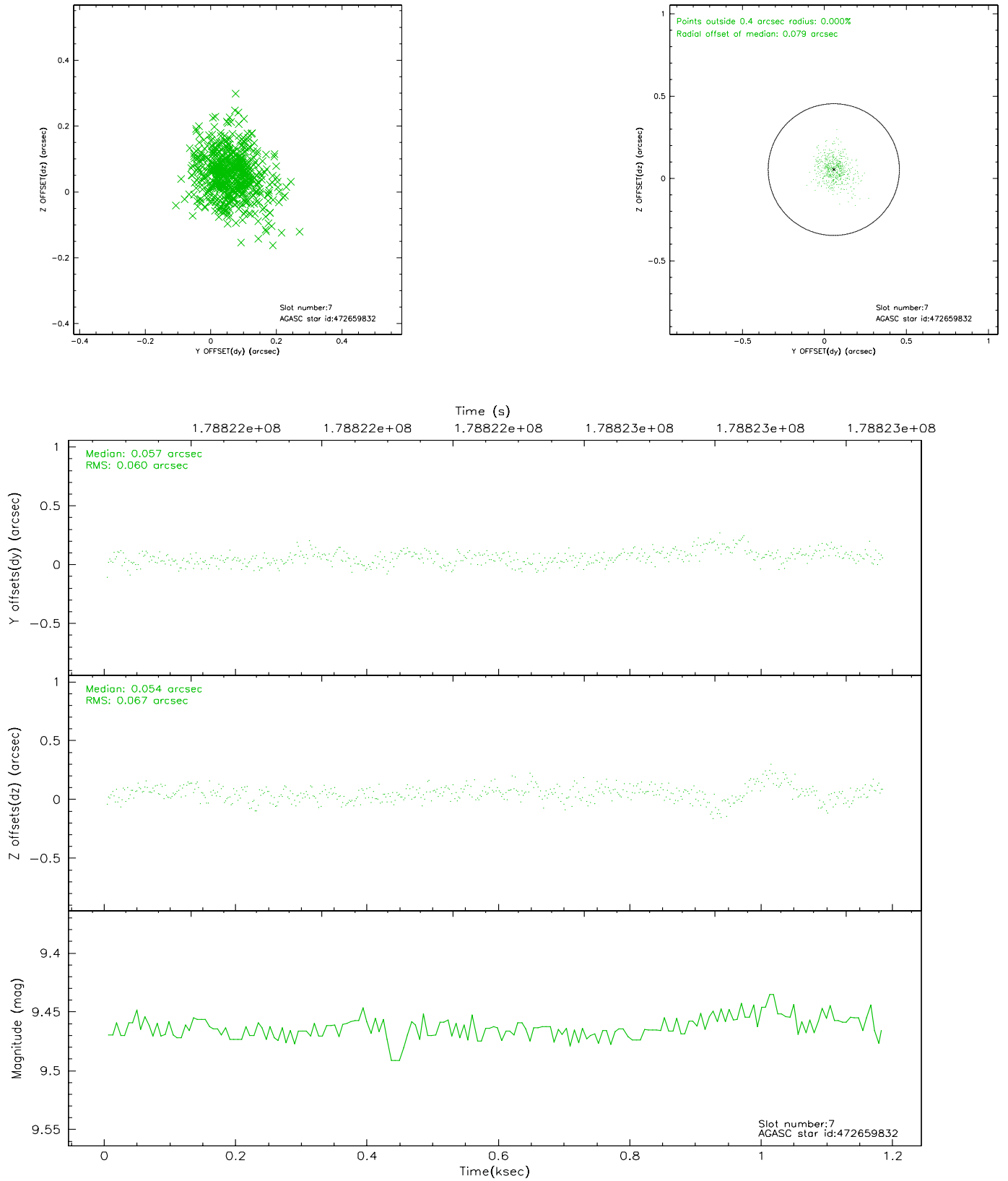
2.4.3 Slot 5



2.4.4 Slot 6

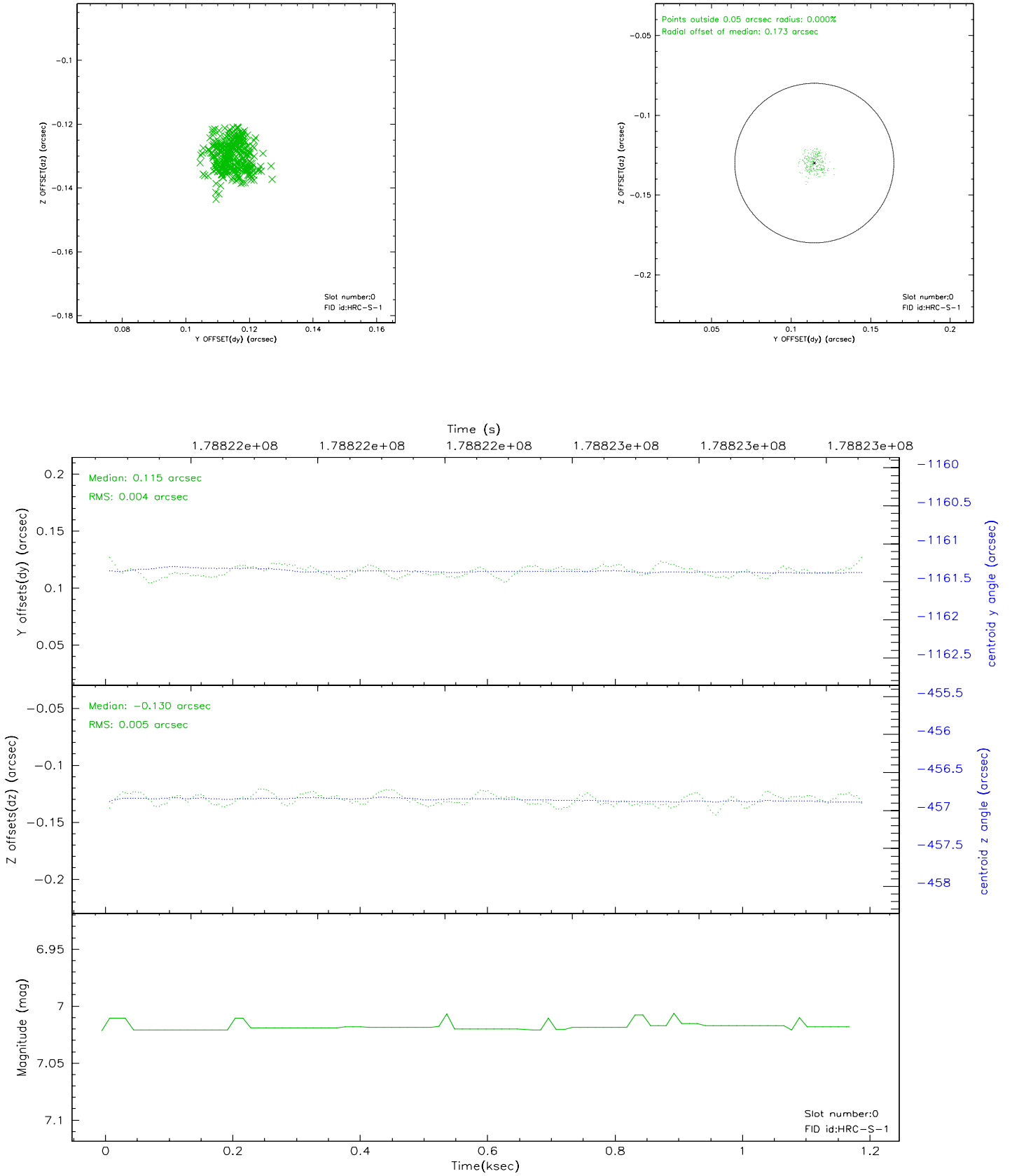


2.4.5 Slot 7

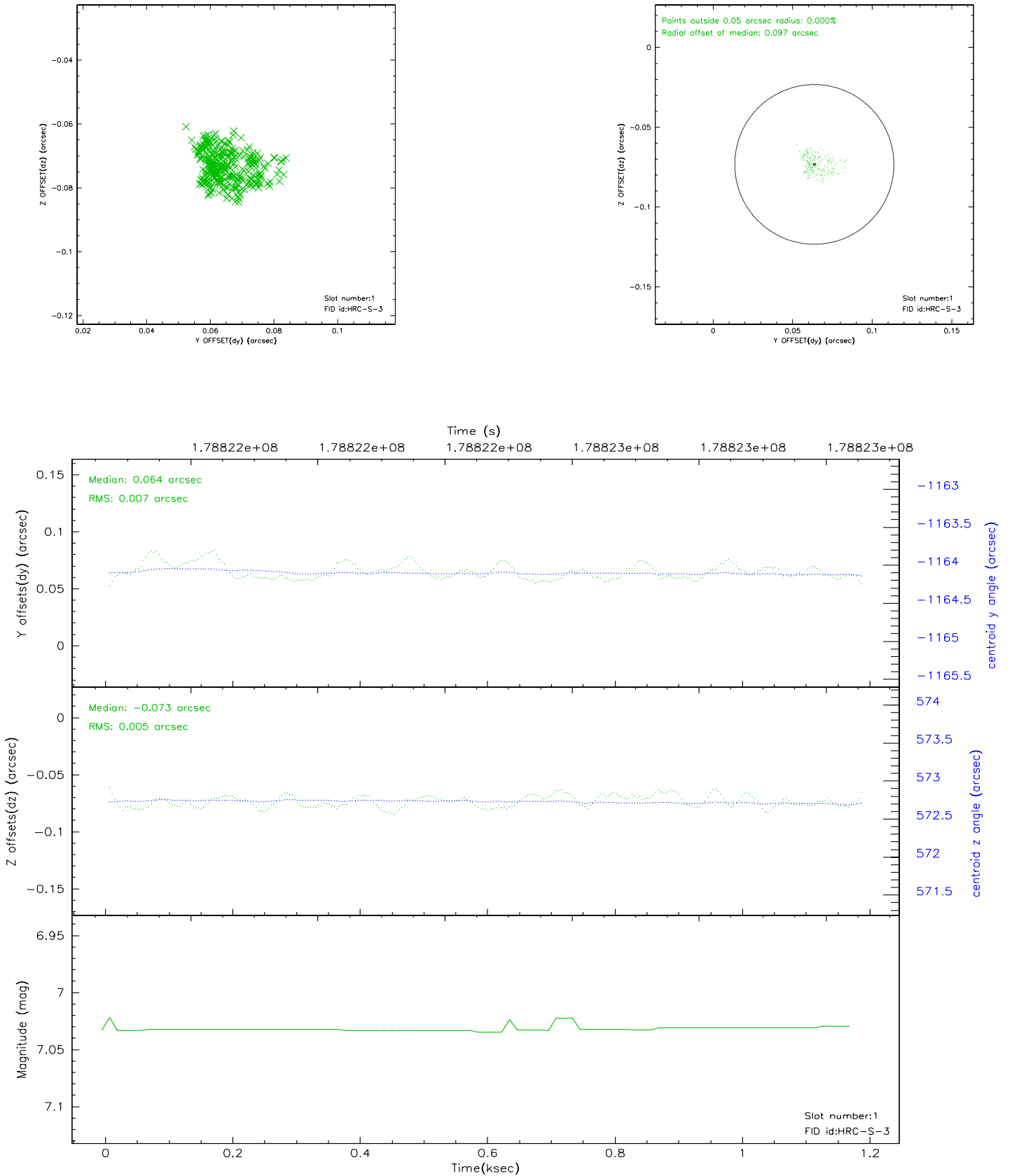


2.5 FID Slots

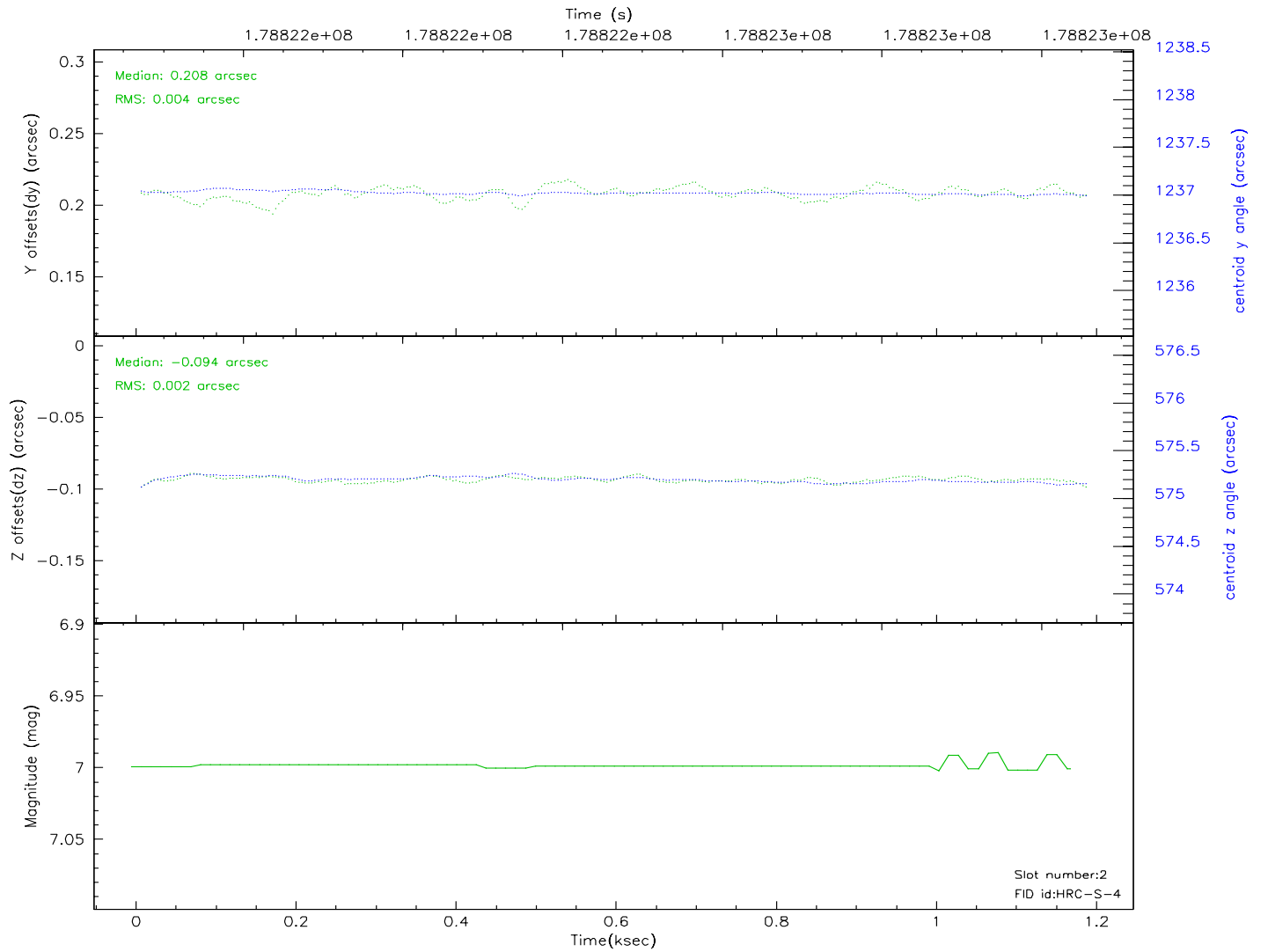
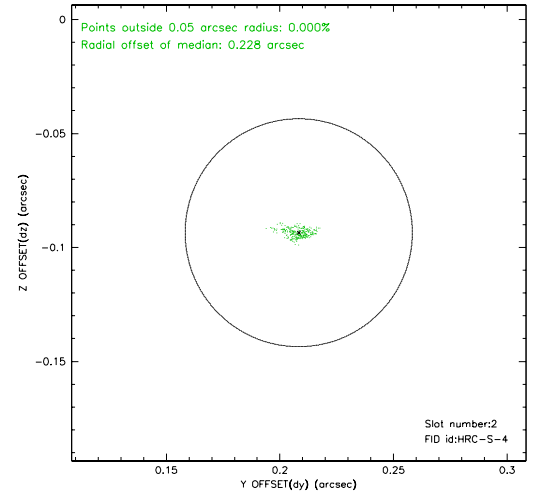
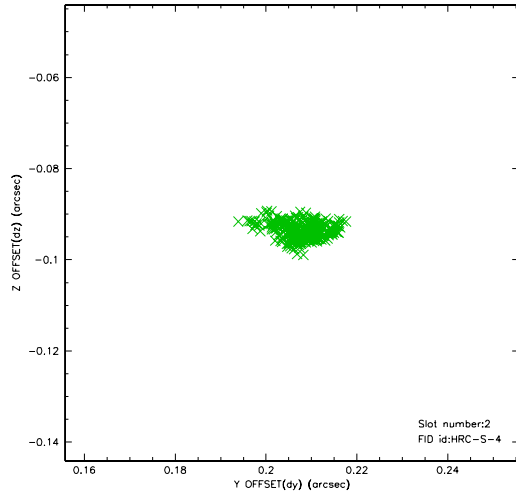
2.5.1 Slot 0



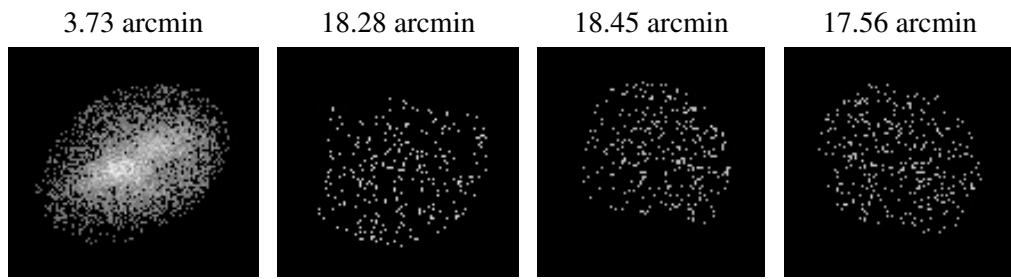
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.142

A.2 Comments